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```
Organization Applicant
-----------------------
        Street : 111 Brewster Rd.
        City : Scarsdale
        State : New York
        Country : United Sates
        PostalCode : 10583
        PhoneNumber : 1-914-723-3854.
        FaxNumber :
        EmailAddress :
<110> OrganizationName : Mercia Pharma LLC

Application Project
-------------------
<120> Title : Methods and Compositions for Treating and Preventing Inflammatory
        Conditions
<130> AppFileReference : MERPH.002
<140> CurrentAppNumber :
<141> CurrentFilingDate : ____-__-__

Earlier Applications
--------------------
<150> PriorAppNumber : US 60/457,137
<151> PriorFilingDate : 2003-03-24

Sequence
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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
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Sequence
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SequenceName : SEQ ID NO 4
SequenceDescription :

Sequence

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Sequence

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<212> Type : PRT
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    SequenceDescription :

Sequence

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```
Sequence
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       SequenceDescription :


Sequence
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Sequence
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GPASVPTTCC FNLANRKI                                                   18
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Sequence
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Sequence
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GPASVPTTCC FNLANRKIPL                                                 20
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Sequence
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Sequence

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Sequence

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<212> Type : PRT
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Sequence

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FNLANRKI                                                                   8
<212> Type : PRT
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Sequence

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Sequence

```
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     SequenceDescription :
```

Sequence

```
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KKKWVQDSMK YLDQKSPTPK P                                                    21
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```

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```
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      SequenceDescription :

Sequence
--------
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<212> Type : PRT
<211> Length : 20
      SequenceName : SEQ ID NO 24
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
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KWVQDSMKYL DQKSPTPKP                                               19
<212> Type : PRT
<211> Length : 19
      SequenceName : SEQ ID NO 25
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Sequence
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<400> PreSequenceString :
WVQDSMKYLD QKSPTPKP                                                18
<212> Type : PRT
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Sequence
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<213> OrganismName : Artificial
<400> PreSequenceString :
VQDSMKYLDQ KSPTPKP                                                 17
<212> Type : PRT
<211> Length : 17
      SequenceName : SEQ ID NO 27
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Sequence
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<400> PreSequenceString :
QDSMKYLDQK SPTPKP                                                  16
<212> Type : PRT
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Sequence
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DSMKYLDQKS PTPKP                                                   15
<212> Type : PRT
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```
Sequence
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<213> OrganismName : Artificial
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SMKYLDQKSP TPKP                                                    14
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     SequenceName : SEQ ID NO 30
     SequenceDescription :


Sequence
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MKYLDQKSPT PKP                                                     13
<212> Type : PRT
<211> Length : 13
     SequenceName : SEQ ID NO 31
     SequenceDescription :


Sequence
--------
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<400> PreSequenceString :
KYLDQKSPTP KP                                                      12
<212> Type : PRT
<211> Length : 12
     SequenceName : SEQ ID NO 32
     SequenceDescription :


Sequence
--------
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<400> PreSequenceString :
YDLQKSPTPK P                                                       11
<212> Type : PRT
<211> Length : 11
     SequenceName : SEQ ID NO 33
     SequenceDescription :


Sequence
--------
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<400> PreSequenceString :
LDQKSPTPKP                                                         10
<212> Type : PRT
<211> Length : 10
     SequenceName : SEQ ID NO 34
     SequenceDescription :


Sequence
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DQKSPTPKP                                                          9
<212> Type : PRT
<211> Length : 9
     SequenceName : SEQ ID NO 35
     SequenceDescription :


Sequence
--------
```

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```
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Sequence
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<212> Type : PRT
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Sequence
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<400> PreSequenceString :
SPTPKP                                                           6
<212> Type : PRT
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     SequenceName : SEQ ID NO 38
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Sequence
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SSPPPPC                                                          7
<212> Type : PRT
<211> Length : 7
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     SequenceDescription :

Sequence
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<400> PreSequenceString :
RPPPPC                                                           6
<212> Type : PRT
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     SequenceName : SEQ ID NO 40
     SequenceDescription :

Sequence
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<400> PreSequenceString :
LPPPPC                                                           6
<212> Type : PRT
<211> Length : 6
     SequenceName : SEQ ID NO 41
     SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
SSPPPPCKKK WVQDSMKYLD QKSPTPKP                                   28
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```
<212> Type : PRT
<211> Length : 28
     SequenceName : SEQ ID NO 42
     SequenceDescription :

Sequence
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<212> Type : PRT
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     SequenceName : SEQ ID NO 43
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Sequence
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<400> PreSequenceString :
CPPPPSSKKK WVQDSMKYLD QKSPTPKP                                        28
<212> Type : PRT
<211> Length : 28
     SequenceName : SEQ ID NO 44
     SequenceDescription :

Sequence
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KKKWVQDSMK YLDQKSPTPK PCPPPPSS                                        28
<212> Type : PRT
<211> Length : 28
     SequenceName : SEQ ID NO 45
     SequenceDescription :

Sequence
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GPASVPTTCC FNLANRKIPL SSPPPPC                                         27
<212> Type : PRT
<211> Length : 27
     SequenceName : SEQ ID NO 46
     SequenceDescription :

Sequence
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SSPPPPCGPA SVPTTCCFNL ANRKIPL                                         27
<212> Type : PRT
<211> Length : 27
     SequenceName : SEQ ID NO 47
     SequenceDescription :

Sequence
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<213> OrganismName : Artificial
<400> PreSequenceString :
CPPPPSSGPA SVPTTCCFNL ANRKIPL                                         27
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<211> Length : 27
     SequenceName : SEQ ID NO 48
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    SequenceDescription :

Sequence

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GPASVPTTCC FNLANRKIPL SSPPPPC   27
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    SequenceName : SEQ ID NO 49
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SGKCPQKAVI SSPPPPC   17
<212> Type : PRT
<211> Length : 17
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    SequenceDescription :

Sequence

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CPPPPSSSGK CPQKAVI   17
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<211> Length : 17
    SequenceName : SEQ ID NO 51
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Sequence

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FKTKLAKDIC SSPPPPC   17
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Sequence

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CPPPPSSFKT KLAKDIC   17
<212> Type : PRT
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Sequence

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ADPKKKWVQD SSPPPPC   17
<212> Type : PRT
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Sequence

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```
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      SequenceName : SEQ ID NO 55
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Sequence
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Sequence
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Sequence
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Sequence
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      SequenceName : SEQ ID NO 59
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Sequence
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      SequenceDescription :


Sequence
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```
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Sequence
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<211> Length : 7
      SequenceName : SEQ ID NO 62
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Sequence
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Sequence
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<211> Length : 9
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Sequence
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Sequence
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      SequenceName : SEQ ID NO 66
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Sequence
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     SequenceName : SEQ ID NO 67
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Sequence

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IPTEIPTSAL VKE
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<211> Length : 13
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Sequence

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IPTEIPTSAL VKET
<212> Type : PRT   14
<211> Length : 14
     SequenceName : SEQ ID NO 69
     SequenceDescription :

Sequence

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<212> Type : PRT   15
<211> Length : 15
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     SequenceDescription :

Sequence

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<211> Length : 16
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Sequence

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<211> Length : 17
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Sequence

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IPTEIPTSAL VKETLALL
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<211> Length : 18
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Sequence

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Sequence

<213> OrganismName : Artificial
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IPTEIPTSAL VKETLALLST H   21
<212> Type : PRT
<211> Length : 21
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<213> OrganismName : Artificial
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IPTEIPTSAL VKETLALLST HR   22
<212> Type : PRT
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     SequenceDescription :

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IPTEIPTSAL VKETLALLST HRT   23
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     SequenceName : SEQ ID NO 78
     SequenceDescription :

Sequence

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<212> Type : PRT
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Sequence

<213> OrganismName : Artificial

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IPTEIPTSAL VKETLALLST HRTLL                                        25
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Sequence
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Sequence
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<212> Type : PRT
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     SequenceName : SEQ ID NO 82
     SequenceDescription :

Sequence
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IPTEIPTSAL VKETLALLST HRTLLIAN                                     28
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     SequenceDescription :

Sequence
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Sequence
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     SequenceName : SEQ ID NO 85
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Sequence
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```
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      SequenceDescription :

Sequence
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IPTEIPTSAL VKETLALLST HRTLLIANET LR                              32
<212> Type : PRT
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      SequenceName : SEQ ID NO 87
      SequenceDescription :

Sequence
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IPTEIPTSAL VKETLALLST HRTLLIANET LRI                             33
<212> Type : PRT
<211> Length : 33
      SequenceName : SEQ ID NO 88
      SequenceDescription :

Sequence
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IPTEIPTSAL VKETLALLST HRTLLIANET LRIP                            34
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      SequenceName : SEQ ID NO 89
      SequenceDescription :

Sequence
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IPTEIPTSAL VKETLALLST HRTLLIANET LRIPV                           35
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<211> Length : 35
      SequenceName : SEQ ID NO 90
      SequenceDescription :

Sequence
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QLCTEEIFQG IGTLESQTV                                             19
<212> Type : PRT
<211> Length : 19
      SequenceName : SEQ ID NO 91
      SequenceDescription :

Sequence
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LCTEEIFQGI GTLESQTV                                              18
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<211> Length : 18
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      SequenceDescription :
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Sequence

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CTEEIFQGIG TLESQTV
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<211> Length : 17
     SequenceName : SEQ ID NO 93
     SequenceDescription :

Sequence

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CTEEIFQGIG TLESQT
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<211> Length : 16
     SequenceName : SEQ ID NO 94
     SequenceDescription :

Sequence

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CTEEIFQGIG TLESQ
<212> Type : PRT   15
<211> Length : 15
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     SequenceDescription :

Sequence

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CTEEIFQGIG TLES
<212> Type : PRT   14
<211> Length : 14
     SequenceName : SEQ ID NO 96
     SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
TVERLFKNLS LIKKYIDGQK KK
<212> Type : PRT   22
<211> Length : 22
     SequenceName : SEQ ID NO 97
     SequenceDescription :

Sequence

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<400> PreSequenceString :
VERLFKNLSL IKKYIDGQKK K
<212> Type : PRT   21
<211> Length : 21
     SequenceName : SEQ ID NO 98
     SequenceDescription :

Sequence

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VERLFKNLSL IKKYIDGQKK                                             20
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      SequenceName : SEQ ID NO 99
      SequenceDescription :


Sequence
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RVNQFLDYLQ EFLGVMNTEW IIES                                        24
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<211> Length : 24
      SequenceName : SEQ ID NO 100
      SequenceDescription :


Sequence
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      SequenceName : SEQ ID NO 101
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Sequence
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Sequence
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ERLFKNLSLI KKYIDGQKKK CGEERRRVNQ                                  30
<212> Type : PRT
<211> Length : 30
      SequenceName : SEQ ID NO 103
      SequenceDescription :


Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
FLDYLQEFLG VMNTEWIIES                                             20
<212> Type : PRT
<211> Length : 20
      SequenceName : SEQ ID NO 104
      SequenceDescription :


Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
RIPVPVHKNH QLC                                                    13
```

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```
<212> Type : PRT
<211> Length : 13
      SequenceName : SEQ ID NO 105
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
QTVQGGT                                                              7
<212> Type : PRT
<211> Length : 7
      SequenceName : SEQ ID NO 106
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
KCGEERRR                                                            8
<212> Type : PRT
<211> Length : 8
      SequenceName : SEQ ID NO 107
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
TEEIFQG                                                              7
<212> Type : PRT
<211> Length : 7
      SequenceName : SEQ ID NO 108
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString : ,
EWIIES                                                              6
<212> Type : PRT
<211> Length : 6
      SequenceName : SEQ ID NO 109
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
PVHKNHQLT                                                          9
<212> Type : PRT
<211> Length : 9
      SequenceName : SEQ ID NO 110
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
KKYIDGQKKK T                                                       11
<212> Type : PRT
<211> Length : 11
      SequenceName : SEQ ID NO 111
```

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SequenceDescription :   MERPH.002-1.WorkFile.txt

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
KKKTGEER
<212> Type : PRT   8
<211> Length : 8
     SequenceName : SEQ ID NO 112
     SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
TGEERRRVNQ
<212> Type : PRT   10
<211> Length : 10
     SequenceName : SEQ ID NO 113
     SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
PVHKNHQLTL PPPPC
<212> Type : PRT   15
<211> Length : 15
     SequenceName : SEQ ID NO 114
     SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
KKYIDGQKKK TSSPPPPC
<212> Type : PRT   18
<211> Length : 18
     SequenceName : SEQ ID NO 115
     SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
CPPPPLKKKT GEER
<212> Type : PRT   14
<211> Length : 14
     SequenceName : SEQ ID NO 116
     SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
ASVPTTSSFN
<212> Type : PRT   10
<211> Length : 10
     SequenceName : SEQ ID NO 117
     SequenceDescription :

Sequence

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```
<213> OrganismName : Artificial
<400> PreSequenceString :
ANRKIPLQRL
<212> Type : PRT
<211> Length : 10
        SequenceName : SEQ ID NO 118
        SequenceDescription :
```
                                                                            10

Sequence

```
<213> OrganismName : Artificial
<400> PreSequenceString :
ASVPTTCCFN
<212> Type : PRT
<211> Length : 10
        SequenceName : SEQ ID NO 119
        SequenceDescription :
```
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Sequence

```
<213> OrganismName : Artificial
<400> PreSequenceString :
ASVPTTAAFN
<212> Type : PRT
<211> Length : 10
        SequenceName : SEQ ID NO 120
        SequenceDescription :
```
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Sequence

```
<213> OrganismName : Artificial
<400> PreSequenceString :
ASVPTTSAFN
<212> Type : PRT
<211> Length : 10
        SequenceName : SEQ ID NO 121
        SequenceDescription :
```
                                                                            10

Sequence

```
<213> OrganismName : Artificial
<400> PreSequenceString :
KCGEERRRV
<212> Type : PRT
<211> Length : 9
        SequenceName : SEQ ID NO 122
        SequenceDescription :
```
                                                                            9

Sequence

```
<213> OrganismName : Artificial
<400> PreSequenceString :
EERRRVNQF
<212> Type : PRT
<211> Length : 9
        SequenceName : SEQ ID NO 123
        SequenceDescription :
```
                                                                            9

Sequence

```
<213> OrganismName : Artificial
<400> PreSequenceString :
```

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```
VVIPSPSSMF                                                                    10
<212> Type : PRT
<211> Length : 10
      SequenceName : SEQ ID NO 124
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
MFFVSKRIPE                                                                    10
<212> Type : PRT
<211> Length : 10
      SequenceName : SEQ ID NO 125
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
VSKRIPENRV                                                                    10
<212> Type : PRT
<211> Length : 10
      SequenceName : SEQ ID NO 126
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
SDISKTSSFQ                                                                    10
<212> Type : PRT
<211> Length : 10
      SequenceName : SEQ ID NO 127
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
FQYSHKPLPW                                                                    10
<212> Type : PRT
<211> Length : 10
      SequenceName : SEQ ID NO 128
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
SHKPLPWTWV                                                                    10
<212> Type : PRT
<211> Length : 10
      SequenceName : SEQ ID NO 129
      SequenceDescription :

Sequence
--------
<213> OrganismName : Artificial
<400> PreSequenceString :
SYRRITSGKS PQ                                                                 12
<212> Type : PRT
<211> Length : 12
```

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    SequenceName : SEQ ID NO 130
    SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYRRITSGKA PQ   12
<212> Type : PRT
<211> Length : 12
    SequenceName : SEQ ID NO 131
    SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYRRITSGKT PQ   12
<212> Type : PRT
<211> Length : 12
    SequenceName : SEQ ID NO 132
    SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYQLSSRSTS LK   12
<212> Type : PRT
<211> Length : 12
    SequenceName : SEQ ID NO 133
    SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYQLSSRSTT LK   12
<212> Type : PRT
<211> Length : 12
    SequenceName : SEQ ID NO 134
    SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYQLSSRSTA LK   12
<212> Type : PRT
<211> Length : 12
    SequenceName : SEQ ID NO 135
    SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYEFTSNSSS QE   12
<212> Type : PRT
<211> Length : 12
    SequenceName : SEQ ID NO 136
    SequenceDescription :

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Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYEFTSNSTS QE   12
<212> Type : PRT
<211> Length : 12
      SequenceName : SEQ ID NO 137
      SequenceDescription :

Sequence

<213> OrganismName : Artificial
<400> PreSequenceString :
SYEFTSNSAS QE   12
<212> Type : PRT
<211> Length : 12
      SequenceName : SEQ ID NO 138
      SequenceDescription :